



STATE OF NEW JERSEY
DEPARTMENT OF ENVIRONMENTAL PROTECTION
(See Issuing Division below)



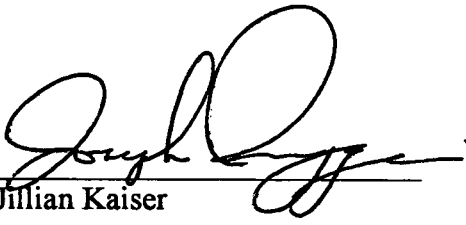
P E R M I T*

The New Jersey Department of Environmental Protection grants this permit in accordance with your application, attachments accompanying same application, and applicable laws and regulations. This permit is also subject to the further conditions and stipulations enumerated in the supporting documents which are agreed to by the permittee upon acceptance of the permit.

Permit No.	1124	Application No.	
Issuance Date	JUN 10 2003	Effective Date	JUN 10 2003
		Expiration Date	JUN 10 2005
Name and Address of Applicant	Name and Address of Owner	Name and Address of Operator	
NJDOT 1035 Parkway Ave. Trenton, NJ 08625			
Location of Activity/Facility (Street Address)	Issuing Division	Statute(s)	
Lot _____ Block _____	Natural and Historic Resources Engineering & Construction	NJSA-58:4-1 et seq.	
Type of Permit	Maximum Approved Capacity, if applicable		
Dam			

This permit grants permission to:

rehabilitate the existing structure known as Cumberland Pond Dam located across Manumuskin River, within Maurice River Township, Cumberland County, New Jersey. PROJECT IS SHOWN ON APPROVED DRAWINGS LISTED ON PAGES 6 and 7 OF THIS PERMIT.

Prepared by: 
for Jillian Kaiser

See page 7 for signature

Revised Date	Approved by the Department of Environmental Protection		
	Name (Print or Type) _____	Title _____	
	Signature _____	Date _____	

* The word permit means "approval, certification, registration, etc."

(General Conditions are on the Reverse Side)

This permit is subject to the following general conditions:

1. This permit is revocable, or subject to modification or change at any time, pursuant to the applicable regulations, when in the judgement of the Department of Environmental Protection of the State of New Jersey such revocation, modification or change shall be necessary.
2. The issuance of this permit shall not be deemed to affect in any way action by the Department of Environmental Protection of the State of New Jersey on any future application.
3. The works, facilities, and/or activities shown by plans and/or other engineering data, which are this day approved, subject to the conditions herewith established, shall be constructed and/or executed in conformity with such plans and/or engineering data and the said conditions.
4. No change in plans or specifications shall be made except with the prior written permission of the Department of Environmental Protection of the State of New Jersey.
5. The granting of this permit shall not be construed to in any way affect the title or ownership of property, and shall not make the Department of Environmental Protection or the State a party in any suit or question of ownership.
6. This permit does not waive the obtaining of Federal or other State or local government consent when necessary. This permit is not valid and no work shall be undertaken until such time as all other required approvals and permits have been obtained.
7. A copy of this permit shall be kept at the work site, and shall be exhibited upon request of any person.
8. In cases of conflict, the conditions of this permit shall supersede the plans and/or engineering data.

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TERMS AND CONDITIONS

1. Application for approval of plans and permit was filed on February 5, 2003 and was accompanied by the following supplementary papers as part thereof:
 - A. Construction Drawings and Details
 - B. Construction Specifications
2. This permit shall be **RECORDED** in the office of the **COUNTY CLERK** (the **REGISTRAR OF DEEDS AND MORTGAGES** in the applicable counties) in the county wherein the lands included in the permit are located within ten (10) days after receipt of the permit by the applicant and verified notice shall be forwarded to the Dam Safety Section (Section) immediately thereafter.
3. The action of the Section in approving this application and issuing the permit shall not relieve the party constructing the works hereby approved from the responsibility for damage caused by such works; nor does the Section accept responsibility for the structural design.
4. The work shall at all times be subject to supervision and inspection by representatives of the Section.
5. No changes in the plans and specifications as approved shall be made except with written consent of the Section. The Section however, reserves the right to require such changes or modifications in the plans and specifications as may be considered necessary in the interest of public safety.
6. A formal construction inspection program (program) shall be required for all permitted construction activities. A copy of the program description is to be submitted and approved by the Section prior to the commencement of construction. The program description shall contain detailed information including but not limited to the following items:
 - A. Organization chart of the construction inspection force.

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- B. Number and specialties of inspectors proposed. Information submitted with this item, or item above, should include the number of inspectors proposed for each feature of construction. Where full-time inspection is not proposed, the schedule for part-time inspection should be described.
- C. Duties, responsibilities, necessary qualifications, and scope of authority of the inspection staff members. This information should be supplemented on a continuing basis by submittal of qualifications of the personnel actually employed.
- D. Field tests to be performed and frequency of testing.
- E. Field laboratory facilities to be provided.
- F. Planned use of commercial testing services.
- G. Planned use of consultants during construction.
- H. Schedule of construction, showing all major features of construction.
- I. Erosion Control and Other Environmental Measures.
- J. Inspection and monitoring of erosion control and other measures that are required for the protection of the environmental integrity of streams and other areas affected by construction.

The information provided should be in sufficient detail to enable the Section to assure that the proposed program provides adequate construction quality control. Some items, such as safety requirements and special construction techniques, including a water diversion plan; underground and surface excavation; and production and placement of reinforced concrete work may be included in the contract specifications. If not, these items, especially those that may involve the safety of personnel during construction, should be detailed in the inspection program.

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7. All on-site construction activities shall be performed under the direct supervision of a professional engineer, licensed in the State of New Jersey and experienced in the design and construction of dams. The Section will not accept an inspection program that provides for quality control to be administered or performed by the contractor.
8. The professional engineer responsible for inspecting the construction shall submit a report on the status of construction to the Section on the first day of each month until the work has been completed.
9. A construction notice on a prescribed form shall be prepared and submitted to the Section two weeks prior to construction beginning. No material shall be placed on any portion of the foundation of the embankment or spillway until such portion of the foundation has been approved in writing by a representative of the Section.
10. The work shall be started within one (1) year from the date of this permit and completed within two (2) years from said date, otherwise, this permit, if not previously revoked or specifically extended, shall cease and be null and void.
11. A copy of the dam permit and one set of drawings and specifications approved by the Section must be available at the project site during construction.
12. All construction activities must be undertaken in accordance with N.J.A.C. 7:20-1.10 of the Dam Safety Standards entitled: "Construction."
13. All construction work on the lands encompassed within this dam permit shall be **STABILIZED** in accordance with "Standards for Soil Erosion and Sediment Control in New Jersey" (obtainable from local Soil Conservation District Offices), or equal engineering specifications, so as to prevent eroded soil therefrom entering the waterway at any time during and after construction.
14. This permit **DOES NOT GIVE ANY PROPERTY RIGHTS**, in either real or personal property or material, nor any exclusive privileges; neither does it authorize any injury to private property, nor invasion of private rights, nor any infringement of Federal, State or local laws or regulations; nor does it waive the obtaining of Federal or other State or local government consent when necessary. **THIS PERMIT IS NOT VALID AND NO WORK SHALL BE UNDERTAKEN UNTIL SUCH TIME AS ALL OTHER REQUIRED APPROVALS AND PERMITS HAVE BEEN OBTAINED** including a General Permit No. 18 from the Land Use Regulation Program and a Water Lowering Permit from the Bureau of Freshwater Fisheries at (908) 236-2118.

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15. No trees or brush shall be allowed to grow on the dam structure and, the dam embankment, spillway and appurtenances shall be maintained as described on the approved drawings.
16. After the construction of the dam has been completed, inspection reports shall be submitted to the Section in accordance with N.J.A.C. 7:20-1.11 of the Dam Safety Standards entitled: "Dam operating requirements and inspections, new and existing dams."
17. No flashboards or other obstruction shall be placed or permitted to remain on the crest of the spillway.
18. A complete set of 'as-built' designs, plans and specifications must be submitted to the Section upon completion of the project.
19. The professional engineer who has inspected the construction shall submit a written certification on the prescribed form that the structure has been constructed in conformance with the approved drawings and specifications.
20. The work approved under this permit constitutes substantial improvements of the existing facilities. However, the issuance of this permit does not imply that all applicable standards have been met. Additional modifications and/or corrective measures will be required to comply with the Dam Safety Standards.
21. A time restriction from April 1st through June 30th is imposed on the sediment generating construction activities and instream/bank disturbances in order to protect warmwater/pickerel and anadromous fish spawning either in the pond or in the downstream Manumuskin.
22. Any and all precautions need to be taken to prevent raw concrete [e.g. new spillway] from coming in contact with the waters of Cumberland Pond or the Manumuskin River because raw concrete is toxic to aquatic biota.
23. In regards to the Endangered/Threatened Species presence, impacts to the treefrogs will be adverted provided the pond is maintained; due to the spillway proximity to Route 49 and the degree of downstream forestation, no major impact to bald eagle foraging is expected.

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23. The submitted materials hereby approved include thirty (30) construction drawings prepared by Taylor, Wiseman and Taylor, dated April 2003, entitled:

"CUMBERLAND POND SPILLWAY CONTRACT NO. 042950392 GRADING, PAVING & STRUCTURE MAURICE RIVER TWP., CUMBERLAND COUNTY",

"CONSTRUCTION PLANS", sheet Nos. 4 and 5 of 44,

"CROSS SECTIONS", sheet Nos. 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27 and 28 of 44,

"GENERAL PLAN, ELEVATION & NOTES", sheet No. 30 of 44,

"STAGE-1 SPILLWAY CONSTRUCTION", sheet No. 31 of 44,

"STAGE-2 SPILLWAY CONSTRUCTION", sheet No. 32 of 44,

"PILE LAYOUT PLAN & FOOTING REINFORCEMENT",
sheet No. 33 of 44,

"PLAN AND SECTIONS", sheet No. 34 of 44,

"SECTIONS", sheet No. 35 of 44,

"SPILLWAY REINFORCEMENT", sheet No. 36 of 44,

"WALL REINFORCEMENT", sheet No. 37 of 44,

"STAGE-1 BAR SCHEDULE", sheet No. 38 of 44,

"STAGE-2 BAR SCHEDULE", sheet No. 39 of 44,

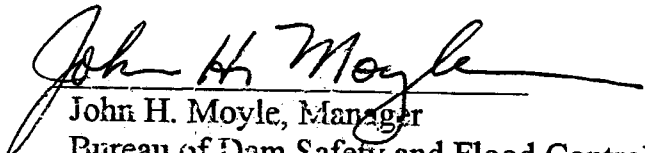
"RAILING & CONCRETE REPAIR DETAILS",
sheet No. 40 of 44,

"FISH LADDER-DETAILS", sheet No. 41 of 44,

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"REVETMENT PLANS & DETAILS", sheet N0 44 of 44,
and construction specifications prepared by Taylor, Wiseman and Taylor,
dated May 1, 2003, entitled:

"PROJECT SPECIFICATIONS SPECIAL PROVISIONS CUMBERLAND POND
DAM, N.J. ATLAS NO. 35-27 MAURICE RIVER TOWNSHIP, CUMBERLAND
COUNTY, NEW JERSEY".


John H. Moyle, Manager
Bureau of Dam Safety and Flood Control

6/10/03
Date

COMPLETION REPORT

DAM PERMIT NO.: 1124

DATE APPROVED: JUN 10 2003

I hereby certify that the following has been built and was completed in accordance with the approved plans and specifications:

APPLICANT: _____

NAME OF DAM: _____

NAME OF STREAM: _____

MUNICIPALITY: _____

COUNTY: _____

COMPLETION DATE: _____

Signature of Engineer & Embossed Seal

New Jersey License Number

Date

A complete set of as built plans and specifications must accompany this completion report.

Please complete and return to:

State of New Jersey
Dam Safety Section
P.O. Box 419
Trenton, NJ 08625

Dam Safety Section

Tel No: 609-984-0859

Fax No: 609-984-1908

E-mail: Damsafety@dep.state.nj.us

Web: www.state.nj.us/dep/nhr/engineering/damsafety/

K:\Completion Report.doc

CONSTRUCTION NOTICE

DAM PERMIT NO.

1124

APPLICANT: _____

NAME OF DAM: _____

MUNICIPALITY: _____

COUNTY: _____

I hereby certify that I have read the conditions of the dam permit and understand my responsibility as project engineer and give notice that construction will begin on the above noted project on _____.

As required by Condition No. 6 of the Dam Permit, a copy of the construction schedule and method of inspection for construction quality control must be submitted to the Division prior to the start of construction.

As required by Condition No. 8 of the Dam Permit, a report on the status of construction must be submitted to the Division on the first day of the month.

As required by Condition No. 11 of the Dam Permit, a copy of said permit and one (1) set of drawings and specifications, approved by the Division, will be available at the project site throughout construction.

NAME: _____

(RESIDENT ENGINEER)

ADDRESS: _____

PHONE: _____

DATE: _____

SIGNATURE OF ENGINEER

Please complete and return to:

State of New Jersey
Dam Safety Section
P.O. Box 419
Trenton, NJ 08625

Dam Safety Section

Tel No: 609-984-0859

Fax No: 609-984-1908

E-mail: Damsafety@dep.state.nj.us

Web: www.state.nj.us/dep/nhr/engineering/damsafety/

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